



April 27, 1993

SUBJECT: ECN - REVISED CURRENT NORMALIZED COMMODITY PRICES  
FOR FISCAL YEAR 1993 WATER RESOURCE AND  
WATERSHED PROTECTION PLANS

TO: State Conservationists  
NTC Directors  
Division Directors & Above

This memorandum transmits the Economic Research Service's (ERS) revised fiscal year 1993 current normalized prices for agricultural commodities.

Although the U.S. current normalized prices distributed by the April 8, 1993 memorandum were correct, the current normalized prices for individual states were incorrectly computed by ERS. Discard the prices distributed on April 8, 1993, and replace them with the enclosed price tables. The information is to be used, until superseded, for plan formulation and evaluation in water and related land resources implementation studies. This memorandum should be distributed to economists and all persons involved in project planning.

GAIL E. UPDEGRAFF  
Director  
Economics and Social Sciences Division

Enclosure





United States  
Department of  
Agriculture

Economic  
Research  
Service

1301 New York Avenue NW  
Washington, D.C.  
20005-4788

April 1, 1993

INFORMATIONAL MEMORANDUM FOR ACTING ASSISTANT SECRETARY FOR NATURAL RESOURCES  
AND ENVIRONMENT

THROUGH: *for* Keith Collins  
Acting Assistant Secretary  
for Economics

*[Signature]*  
APR 02 1993

FROM: John E. Lee, Jr.  
Administrator *John Lee*

SUBJECT: 1993 Normalized Prices

We transmit herewith the "current normalized prices with support programs" for use by Federal agencies in the evaluation of water-related development projects in 1993. Consistent with established practice, these prices are transmitted to you for distribution to Federal water resource agencies. The methodology used to calculate these prices is explained in the attached text and is based on a 5-year moving average of historical data.

This approach is designed to minimize shortrun distortions in prices caused by abnormal weather and temporary changes in foreign demand for agricultural products while deriving consistent relative prices for commodities and cost indices for production inputs.

The 1985 Food Security Act and the 1990 Food, Agriculture, Conservation, and Trade Act have served to reduce the influence of government support prices for most agricultural commodities. Therefore, the approach that utilizes structural information and simulation models adds little information to an approach that uses longer run average market prices. Thus, the Economic Research Service will only calculate and report 5-year moving average market prices as the current normalized prices beginning in 1993, as proposed when the 1992 normalized prices were issued.

Attachment

cc: Bevan Brown, Tennessee Valley Authority (w/attachment)  
Alan Dickerman, Bureau of Reclamation (w/attachment)  
Robert Daniel, Corps of Engineers (w/attachment)  
Doug Lawrence, Soil Conservation Service (w/attachment) ✓

## CURRENT NORMALIZED PRICES

The orderly development and use of water and related land resources require that a consistent set of economic standards and criteria be used for the evaluation of agricultural benefits and costs. Agricultural price standards provide the basis for valuing the agricultural effects of alternative development and management plans for water and related land resources.

## AUTHORITY

The authority for these standards is set forth in the Water Resources Planning Act (P.L. 98-90) and in the Economic and Environmental Principles and Guidelines for Water and Related Land Resources Implementation Studies. These Principles and Guidelines state in part:

### "Section 1.4.10 Prices

- a. The prices of goods and services used for evaluation should reflect the real exchange values expected to prevail over the period of analysis. For this purpose, relative price relationships and the general level of prices for outputs and inputs prevailing during, or immediately preceding, the period of planning generally represent the real price relationships expected over the life of the plan, unless specific considerations indicate real exchange values are expected to change.
- b. The general level of prices for outputs and inputs prevailing during or immediately preceding the period of planning is to be used for the entire period of analysis. In the case of agricultural planning, normalized prices prepared by the Department of Agriculture should be used."

## CONCEPTUAL BASIS FOR NORMALIZED AGRICULTURAL PRICES AND COSTS

Current normalized prices are to be used in all economic evaluations covered by the Principles and Guidelines, such as:

1. Evaluation of beneficial or adverse effects of alternative projects and programs under consideration.
2. Appraisals of economic impacts where such impacts are expressed in terms of value of production or income.

The project evaluation process should yield valid estimates of the aggregate benefits and costs during the life of the projects and programs under consideration. These estimates need to be based on relative price relationships that are representative of the period of analysis and that are not distorted by short-term abnormalities. Market prices and costs are generally influenced by highly variable factors such as weather and sudden demand changes. Thus, a procedure is needed to correct for the effects of these factors.

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## COMPUTATION METHODS TO DERIVE CURRENT NORMALIZED PRICES

Current normalized prices are derived from a five-year moving average of historical data series, 1987-91. The 1985 Food Security Act and the 1990 Food, Agriculture, Conservation, and Trade Act have reduced the price influence of government support programs for most agricultural commodities. Therefore, the approach that utilized structural information and simulation models adds little information to an approach that uses longer run average market prices. Thus, ERS is calculating and reporting five-year moving average market prices as the current normalized prices beginning in 1993. The moving average approach is used to minimize short run distortions in market prices caused by such factors as abnormal weather patterns and short-term fluctuations in the foreign demand for agricultural products. For your comparison this year, we have included a table of normalized price estimates for 1987 through 1993.

Normalized indices of prices received and paid by farmers are based on a five-year moving average of historical data series. A comparison table has also been included for the indices from 1988 through 1993.

### STATE PRICES

The State normalized prices were obtained by multiplying the National normalized prices by the average ratio of the State price to the National commodity price for the period 1989-91.

### FURTHER PRICE ESTIMATION

Special circumstances will require further price estimation, such as:

1. Pricing of commodities not included in the price table.

For example, forest product prices are not included in the tables. Information on current prices for forest products can be obtained from the last issue of The Demand and Price Situation for Forest Products, Forest Service, U.S. Department of Agriculture. To be consistent with the agricultural prices in this report, the stumpage prices should be adjusted to reflect value added from harvesting.

2. Determination of price differentials within States.

Current normalized prices for specific areas within a State may be derived by computing the average local area-to-area price ratio for the 1989-91 period and multiplying by the State normalized price.

3. Determination of price differentials to reflect product quality differences.

Published data do not provide, in most instances, a basis for deriving such price estimates. Procedures for estimating such price differentials will vary from one set of circumstances to another. Since a standard procedure cannot be specified, analysts confronted by such a problem must develop their own procedures. The basis used for estimating such price differentials should be fully documented in review reports.

4. Adjustments to reflect the impacts of project or program actions on market prices.

As specified in the Principles and Guidelines, whenever implementation of a plan is expected to influence price significantly, the use of a price about midway between those expected with and without implementation may be justified. Special consideration should be given to price adjustments where a program induced shift from a deficit to a surplus production area is expected, or vice versa.

These and other special price problems should be approached in such a manner as to achieve consistency with the published estimation of current normalized prices.

Normalized Prices: 1993 \*

Commodity	Units	Market Clearing Price Estimates With Support Programs
<u>Program Commodities</u>		
Wheat, all	Bu.	3.13
Rye	Bu.	2.10
Rice	Cwt.	7.15
Corn	Bu.	2.30
Oats	Bu.	1.60
Barley	Bu.	2.25
Sorghum grain	Cwt.	3.76
Sugarbeets	Ton	40.60
Sugarcane for sugar	Ton	29.50
Cotton, lint (upland)	Lb.	0.61
Tobacco	Lb.	1.69
Soybeans for beans	Lb.	6.07
Peanuts harvested for nuts	Lb.	0.29
Milk	Cwt.	12.87
Wool	Lb.	0.98
<u>Non-Program Commodities</u>		
Apples, fresh market	Lb.	0.18
Oranges, all	Box	8.44
Grapefruit, all	Box	7.09
Sweetpotatoes	Cwt.	12.78
Steers and Heifers	Cwt.	73.28
Feeder Steers - 8 markets	Cwt.	79.69
Cows for slaughter	Cwt.	47.76
Calves	Cwt.	90.42
Sheep	Cwt.	24.48
Lambs	Cwt.	64.10
Hogs	Cwt.	47.76
Broilers, commercial	Lb.	0.32
Turkeys	Lb.	0.38
Eggs	Doz.	0.63
Dry beans	Cwt.	21.78
Cottonseed	Ton	99.60
Flaxseed	Bu.	5.40
Hay, all (baled)	Ton	77.44
Potatoes	Cwt.	5.78

\* Prices for crops and milk are for marketing year 1992/93;  
prices for livestock and wool are for calendar year 1993.

Normalized Indexes: 1993

Indexes	Market Clearing Price Estimates With Support Programs	
	1977 = 100	1967 = 100
Prices received by farmers:		
All farm products	141	258
All crops	125	240
Livestock and products	157	275
Prices paid by farmers:		
All production items	163	326
Feed	124	231
Livestock	198	313
Seed	158	412
Fertilizer	130	235
Agricultural chemicals	135	212
Fuels and energy	183	370
Farm and moter supplies	149	246
Autos and trucks	224	524
Tractors and self-propelled machinery	192	457
Other machinery	206	507
Building and fencing materials	141	323
Wage rates for hired farm labor	183	414



ormalized Price Indexes, 1988-93

Index	With Support Programs					
	1988	1989	1990	1991	1992	1993
	1967-100					
rices received by farmers:						
ll farm products	221	228	238	261	268	258
ll crops	221	224	237	246	249	240
ivestock and products	221	231	238	276	287	275
rices paid by farmers:						
ll production items	287	294	307	326	338	326
eed	191	193	215	237	239	231
ivestock	216	223	227	278	286	313
eed	394	414	437	453	461	412
ertilizer	228	235	243	247	256	235
gric chemicals	197	198	204	207	215	212
uels and energy	354	361	370	379	396	370
arm and motor supplies	239	243	250	257	262	246
uto and trucks	487	503	522	542	567	524
ractors & self-propelled mach.	417	429	448	462	477	457
ther machinery	452	488	512	531	553	507
uilding & fencing materials	313	317	323	331	341	323
age rates for hired farm labor	360	386	404	423	442	414

## STATES: 1993 CURRENT NORMALIZED PRICES FOR PRINCIPAL COMMODITIES

STATE	COMMODITIES										
	WHEAT	RYE	RICE	CORN	OATS	BARLEY	SORGHUM	HAY	DRY	SUGAR	SUGAR
	ALL 1/	1/	1/	FOR GRAIN 1/	1/	1/	GRAIN	ALL BALED	BEANS	BEETS 2/	CANE SUGAR 2/
	BUSHEL	BUSHEL	CWT.	BUSHEL	BUSHEL	BUSHEL	CWT.	TON	CWT.	TON	TON
MAINE	0.00	0.00	0.00	0.00	1.35	0.00	0.00	76.60	0.00	0.00	0.00
NEW HAMPSHIRE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	104.62	0.00	0.00	0.00
VERMONT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	91.52	0.00	0.00	0.00
MASSACHUSETTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	108.92	0.00	0.00	0.00
RHODE ISLAND	0.00	0.00	0.00	0.00	0.00	0.00	0.00	114.55	0.00	0.00	0.00
CONNECTICUT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	112.07	0.00	0.00	0.00
NEW YORK	3.21	2.53	0.00	2.58	1.83	0.00	4.01	75.78	23.37	0.00	0.00
NEW JERSEY	3.17	3.52	0.00	2.51	1.93	1.84	0.00	104.47	0.00	0.00	0.00
PENNSYLVANIA	3.12	3.13	0.00	2.73	1.95	2.00	0.00	99.59	0.00	0.00	0.00
DELAWARE	3.00	2.91	0.00	2.54	0.00	1.80	0.00	100.21	0.00	0.00	0.00
MARYLAND	3.11	2.56	0.00	2.59	1.86	1.90	0.00	99.69	0.00	0.00	0.00
MICHIGAN	2.99	1.67	0.00	2.23	1.73	2.06	0.00	63.94	21.06	38.92	0.00
WISCONSIN	2.96	2.23	0.00	2.22	1.53	1.81	0.00	60.06	34.76	0.00	0.00
MINNESOTA	3.12	1.61	0.00	2.19	1.55	2.09	0.00	75.44	21.48	42.67	0.00
OHIO	3.15	3.15	0.00	2.37	1.70	0.00	0.00	108.86	0.00	38.37	0.00
INDIANA	3.13	2.18	0.00	2.36	1.78	0.00	0.00	75.63	0.00	0.00	0.00
ILLINOIS	3.04	2.10	0.00	2.37	1.54	0.00	3.76	76.62	0.00	0.00	0.00
IOWA	2.98	1.83	0.00	2.24	1.61	0.00	0.00	66.66	0.00	0.00	0.00
MISSOURI	2.92	2.85	7.47	2.36	1.73	0.00	3.83	66.00	0.00	0.00	0.00
NORTH DAKOTA	3.01	1.63	0.00	2.17	1.36	1.95	0.00	57.14	18.03	42.04	0.00
SOUTH DAKOTA	3.11	1.76	0.00	2.10	1.54	1.96	3.33	57.20	0.00	0.00	0.00
NEBRASKA	3.17	1.97	0.00	2.28	1.65	1.96	3.66	58.12	19.94	40.22	0.00
KANSAS	3.10	1.67	0.00	2.26	1.81	1.87	3.60	64.93	20.15	0.00	0.00
VIRGINIA	3.07	2.35	0.00	2.52	1.83	1.99	0.00	83.97	0.00	0.00	0.00
WEST VIRGINIA	3.14	0.00	0.00	2.33	1.56	0.00	0.00	76.43	0.00	0.00	0.00
NORTH CAROLINA	3.13	2.34	0.00	2.55	1.95	1.96	3.63	65.16	0.00	0.00	0.00
KENTUCKY	3.02	1.74	0.00	2.49	1.69	1.86	3.81	70.75	0.00	0.00	0.00
TENNESSEE	3.19	0.00	0.00	2.43	0.00	0.00	3.99	48.89	0.00	0.00	0.00
SOUTH CAROLINA	3.25	2.27	0.00	2.56	1.80	2.10	4.18	67.06	0.00	0.00	0.00
GEORGIA	3.08	2.37	0.00	2.65	1.84	0.00	4.27	58.95	0.00	0.00	0.00
FLORIDA	2.84	0.00	0.00	2.49	0.00	0.00	0.00	79.22	0.00	0.00	30.91
ALABAMA	3.02	0.00	0.00	2.66	1.86	0.00	3.86	56.76	0.00	0.00	0.00
MISSISSIPPI	3.21	0.00	7.61	2.63	0.00	0.00	4.13	51.21	0.00	0.00	0.00
ARKANSAS	3.25	0.00	7.24	2.47	1.78	0.00	3.95	54.31	0.00	0.00	0.00
LOUISIANA	3.33	0.00	7.34	2.53	0.00	0.00	4.09	52.52	0.00	0.00	25.96
OKLAHOMA	3.07	2.25	0.00	2.36	2.27	2.10	3.76	65.13	0.00	0.00	0.00
TEXAS	3.10	2.17	7.80	2.56	2.11	2.11	3.97	66.83	23.58	35.78	23.56
MONTANA	3.20	0.00	0.00	2.55	1.69	2.37	0.00	60.05	18.49	40.72	0.00
IDAHO	3.29	0.00	0.00	2.71	1.87	2.75	0.00	76.67	20.63	40.60	0.00
WYOMING	3.07	0.00	0.00	2.41	1.86	3.47	0.00	72.05	20.72	40.71	0.00
COLORADO	3.14	1.73	0.00	2.33	2.03	3.16	3.74	79.25	20.03	40.56	0.00
NEW MEXICO	3.12	0.00	0.00	2.62	0.00	2.34	3.91	107.70	0.00	38.27	0.00
ARIZONA	3.85	0.00	0.00	2.93	0.00	2.87	5.06	88.51	0.00	0.00	0.00
UTAH	3.34	0.00	0.00	2.79	2.11	2.31	0.00	71.85	22.61	0.00	0.00
NEVADA	3.08	0.00	0.00	0.00	0.00	2.28	0.00	88.90	0.00	0.00	0.00
WASHINGTON	3.51	0.00	0.00	2.78	1.65	2.26	0.00	85.65	23.42	0.00	0.00
OREGON	3.51	1.94	0.00	2.79	1.85	2.32	0.00	87.66	24.76	37.91	0.00
CALIFORNIA	3.51	0.00	6.23	3.00	2.09	2.64	4.71	91.48	34.02	39.73	0.00
ALASKA	0.00	0.00	0.00	0.00	3.03	3.41	0.00	163.41	0.00	0.00	0.00
HAWAII	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	30.58

1/ DOES NOT INCLUDE DEFICIENCY PAYMENTS.

2/ DOES NOT INCLUDE PAYMENTS UNDER THE SUGAR ACT.

CONTINUED

STATES: 1993 CURRENT NORMALIZED PRICES FOR PRINCIPAL COMMODITIES-CONTINUED

STATE	COMMODITIES									
	COTTON, LINT	TOBACCO	COTTON: SEED	SOYBEANS: FOR BEANS	PEANUTS: HARVESTED: FOR NUTS	FLAXSEED	APPLES: COMMER- CIAL 4/	ORANGES: ALL	GRAPE- FRUIT: ALL 5/	SWEET: POTATOES:
	UPLAND 3/									
	POUND	POUND	TON	BUSHEL	POUND	BUSHEL	POUND	BOX	BOX	CWT.
MAINE	0.000	0.000	0.00	0.00	0.000	0.00	0.248	0.00	0.00	6.18
NEW HAMPSHIRE	0.000	0.000	0.00	0.00	0.000	0.00	0.276	0.00	0.00	0.00
VERMONT	0.000	0.000	0.00	0.00	0.000	0.00	0.229	0.00	0.00	0.00
MASSACHUSETTS	0.000	15.338	0.00	0.00	0.000	0.00	0.264	0.00	0.00	7.14
RHODE ISLAND	0.000	0.000	0.00	0.00	0.000	0.00	0.000	0.00	0.00	6.43
CONNECTICUT	0.000	13.198	0.00	0.00	0.000	0.00	0.275	0.00	0.00	5.58
NEW YORK	0.000	0.000	0.00	0.00	0.000	0.00	0.163	0.00	0.00	7.85
NEW JERSEY	0.000	0.000	0.00	5.86	0.000	0.00	0.231	0.00	0.00	8.03
PENNSYLVANIA	0.000	1.413	0.00	6.02	0.000	0.00	0.172	0.00	0.00	16.70
DELAWARE	0.000	0.000	0.00	5.97	0.000	0.00	0.000	0.00	0.00	7.68
MARYLAND	0.000	1.678	0.00	5.98	0.000	0.00	0.169	0.00	0.00	8.66
MICHIGAN	0.000	0.000	0.00	5.96	0.000	0.00	0.133	0.00	0.00	9.50
WISCONSIN	0.000	1.458	0.00	5.78	0.000	0.00	0.226	0.00	0.00	6.74
MINNESOTA	0.000	0.000	0.00	5.91	0.000	5.37	0.000	0.00	0.00	5.33
OHIO	0.000	1.691	0.00	6.13	0.000	0.00	0.213	0.00	0.00	4.97
INDIANA	0.000	1.693	0.00	6.13	0.000	0.00	0.210	0.00	0.00	6.73
ILLINOIS	0.000	0.000	0.00	6.17	0.000	0.00	0.175	0.00	0.00	7.06
IOWA	0.000	0.000	0.00	5.99	0.000	0.00	0.000	0.00	0.00	5.34
MISSOURI	0.621	1.661	87.26	6.03	0.000	0.00	0.192	0.00	0.00	5.17
NORTH DAKOTA	0.000	0.000	0.00	5.82	0.000	5.39	0.000	0.00	0.00	6.69
SOUTH DAKOTA	0.000	0.000	0.00	5.77	0.000	5.47	0.000	0.00	0.00	5.54
NEBRASKA	0.000	0.000	0.00	5.88	0.000	0.00	0.000	0.00	0.00	4.50
KANSAS	0.547	0.000	103.26	5.92	0.000	0.00	0.000	0.00	0.00	6.45
VIRGINIA	0.621	1.654	86.96	5.97	0.293	0.00	0.137	0.00	0.00	0.00
WEST VIRGINIA	0.000	1.676	0.00	0.00	0.000	0.00	0.163	0.00	0.00	10.63
NORTH CAROLINA	0.621	1.648	86.96	5.99	0.291	0.00	0.126	0.00	0.00	7.83
KENTUCKY	0.000	1.698	0.00	6.24	0.000	0.00	0.204	0.00	0.00	0.00
TENNESSEE	0.593	1.732	92.00	6.30	0.000	0.00	0.000	0.00	0.00	6.99
SOUTH CAROLINA	0.632	1.607	89.98	6.10	0.326	0.00	0.190	0.00	0.00	9.42
GEORGIA	0.633	1.635	93.82	6.01	0.285	0.00	0.000	0.00	0.00	12.18
FLORIDA	0.611	1.641	80.50	5.88	0.263	0.00	0.000	8.29	7.22	0.00
ALABAMA	0.613	0.000	85.16	6.14	0.274	0.00	0.000	0.00	0.00	11.10
MISSISSIPPI	0.596	0.000	89.34	6.25	0.000	0.00	0.000	0.00	0.00	16.40
ARKANSAS	0.606	0.000	88.01	6.23	0.000	0.00	0.000	0.00	0.00	9.40
LOUISIANA	0.593	0.000	96.33	6.34	0.000	0.00	0.000	0.00	0.00	8.97
OKLAHOMA	0.548	0.000	100.14	5.75	0.313	0.00	0.000	0.00	0.00	10.21
TEXAS	0.574	0.000	102.42	5.61	0.307	0.00	0.000	11.49	10.21	0.00
MONTANA	0.000	0.000	0.00	0.00	0.000	0.00	0.000	0.00	0.00	0.00
IDAHO	0.000	0.000	0.00	0.00	0.000	0.00	0.167	0.00	0.00	7.57
WYOMING	0.000	0.000	0.00	0.00	0.000	0.00	0.000	0.00	0.00	4.84
COLORADO	0.000	0.000	0.00	0.00	0.000	0.00	0.154	0.00	0.00	6.00
NEW MEXICO	0.634	0.000	120.57	0.00	0.336	0.00	0.192	0.00	0.00	4.62
ARIZONA	0.634	0.000	110.49	0.00	0.000	0.00	0.211	14.60	7.01	6.96
UTAH	0.000	0.000	0.00	0.00	0.000	0.00	0.176	0.00	0.00	8.83
NEVADA	0.000	0.000	0.00	0.00	0.000	0.00	0.000	0.00	0.00	5.57
WASHINGTON	0.000	0.000	0.00	0.00	0.000	0.00	0.174	0.00	0.00	6.29
OREGON	0.000	0.000	0.00	0.00	0.000	0.00	0.122	0.00	0.00	4.48
CALIFORNIA	0.697	0.000	118.46	0.00	0.000	0.00	0.296	9.99	6.33	4.95
ALASKA	0.000	0.000	0.00	0.00	0.000	0.00	0.000	0.00	0.00	9.93
HAWAII	0.000	0.000	0.00	0.00	0.000	0.00	0.000	0.00	0.00	17.53

3/ PRICES BASED ON A 480 POUND NET WEIGHT BALE.

4/ BOTH FRESH AND PROCESSED SALE PRICES (EQUIVALENT PACKINGHOUSE-DOOR RETURNS FOR WASHINGTON AND OREGON, EQUIVALENT FIRST DELIVERY POINT FOR CALIFORNIA AND "AS SOLD" FOR OTHER STATES).

5/ EQUIVALENT PACKINGHOUSE-DOOR RETURNS PER BOX FOR ALL USES.

STATES: 1993 CURRENT NORMALIZED PRICES FOR PRINCIPAL COMMODITIES-CONTINUED

COMMODITIES										
STATE	STEERS AND HEIFERS	CALVES	SHEEP	LAMBS	HOGS	MILK 6/ COMMER- CIAL BROILERS:	TURKEYS	EGGS	WOOL	
	CWT.	CWT.	CWT.	CWT.	CWT.	CWT.	POUND	POUND	DOZ	POUND
MAINE	60.61	74.98	38.08	102.32	44.37	14.19	0.000	0.000	0.911	0.929
NEW HAMPSHIRE	60.29	74.05	38.08	106.07	44.37	13.94	0.000	1.067	0.972	0.808
VERMONT	60.29	73.77	38.08	98.53	44.37	13.51	0.000	0.000	0.957	0.887
MASSACHUSETTS	59.33	74.98	38.08	114.43	44.37	13.93	0.000	0.936	0.960	0.784
RHODE ISLAND	59.66	74.98	0.00	0.00	44.37	13.87	0.000	0.000	0.927	0.000
CONNECTICUT	59.66	74.98	38.08	108.09	44.37	13.80	0.000	0.883	0.963	0.800
NEW YORK	59.89	100.51	23.89	68.22	44.16	13.49	0.322	0.371	0.597	0.632
NEW JERSEY	61.90	98.61	33.17	68.42	43.37	14.45	0.000	0.815	0.735	0.631
PENNSYLVANIA	68.27	104.33	22.96	66.72	48.37	13.89	0.336	0.400	0.522	0.529
DELAWARE	67.75	95.36	0.00	0.00	45.53	13.79	0.345	0.000	1.036	0.000
MARYLAND	67.75	95.36	25.47	67.40	45.53	13.79	0.345	0.000	0.680	0.563
MICHIGAN	65.62	92.52	19.57	62.42	46.32	13.04	0.318	0.377	0.511	0.515
WISCONSIN	66.79	128.17	15.37	62.70	46.44	12.66	0.298	0.000	0.513	0.475
MINNESOTA	69.01	93.14	21.12	63.27	49.07	12.43	0.314	0.346	0.497	0.517
OHIO	70.50	83.81	21.85	61.68	46.92	13.02	0.254	0.384	0.499	0.503
INDIANA	67.27	77.79	21.77	56.42	46.76	12.91	0.000	0.413	0.558	0.387
ILLINOIS	70.89	113.97	18.82	60.58	47.66	12.60	0.000	0.397	0.611	0.420
IOWA	72.29	90.20	22.59	62.15	48.77	12.49	0.314	0.378	0.494	0.460
MISSOURI	79.69	88.69	22.72	59.70	47.25	12.62	0.335	0.384	0.489	0.518
NORTH DAKOTA	79.22	90.34	22.01	60.92	44.34	11.72	0.000	0.346	0.465	0.745
SOUTH DAKOTA	76.11	94.44	25.51	63.50	47.90	12.37	0.000	0.349	0.428	0.993
NEBRASKA	73.78	93.02	24.80	62.52	48.41	12.26	0.349	0.368	0.447	0.591
KANSAS	73.64	90.65	24.70	64.32	45.74	12.42	0.000	0.391	0.475	0.770
VIRGINIA	73.58	80.91	18.88	61.15	47.00	13.83	0.325	0.381	0.748	0.525
WEST VIRGINIA	70.52	79.50	17.45	58.18	46.20	13.04	0.325	0.381	0.958	0.509
NORTH CAROLINA	67.97	82.20	21.08	57.73	46.47	14.50	0.302	0.374	0.734	0.480
KENTUCKY	75.27	85.16	19.71	59.43	47.24	13.14	0.300	0.000	0.624	0.502
TENNESSEE	73.60	84.68	24.68	64.27	45.06	13.40	0.299	0.000	0.664	0.593
SOUTH CAROLINA	71.91	89.72	0.00	0.00	46.48	14.59	0.309	0.371	0.617	0.000
GEORGIA	72.61	84.50	0.00	0.00	47.16	14.50	0.306	0.390	0.737	0.000
FLORIDA	74.56	93.98	0.00	0.00	42.90	15.46	0.307	0.000	0.533	0.000
ALABAMA	75.18	85.18	26.10	61.40	44.26	14.40	0.315	0.000	0.814	0.547
MISSISSIPPI	75.13	89.00	0.00	0.00	46.29	13.86	0.312	0.000	0.784	0.000
ARKANSAS	78.49	90.40	0.00	0.00	43.67	13.85	0.336	0.384	0.800	0.000
LOUISIANA	74.87	89.88	28.96	64.82	40.61	14.08	0.000	0.000	1.030	0.489
OKLAHOMA	78.92	89.99	23.64	60.47	45.64	13.34	0.330	0.000	0.906	0.769
TEXAS	73.38	88.86	31.86	67.23	43.86	13.56	0.344	0.000	0.700	1.352
MONTANA	79.29	88.21	20.81	59.02	43.44	12.82	0.000	0.000	0.635	1.068
IDAHO	68.46	88.14	20.02	57.13	45.10	11.58	0.000	0.000	0.717	0.850
WYOMING	80.84	94.11	19.96	60.81	46.50	11.91	0.000	0.000	0.755	1.087
COLORADO	73.89	94.08	26.88	63.54	50.03	13.62	0.000	0.000	0.689	0.952
NEW MEXICO	71.43	91.52	29.75	60.84	45.55	12.38	0.000	0.000	0.653	1.213
ARIZONA	72.11	86.94	25.97	66.83	48.87	12.97	0.000	0.000	0.547	0.796
UTAH	70.73	88.74	21.45	55.91	42.70	12.04	0.000	0.493	0.571	0.939
NEVADA	71.73	86.31	19.58	56.55	40.23	12.32	0.000	0.000	0.494	1.026
WASHINGTON	70.71	82.99	18.91	60.36	45.27	12.56	0.324	0.000	0.664	0.754
OREGON	74.58	84.55	19.24	60.29	49.88	12.60	0.318	0.390	0.690	0.685
CALIFORNIA	72.24	84.44	21.12	67.56	53.21	11.59	0.301	0.362	0.570	1.028
ALASKA	67.99	73.44	35.08	74.69	65.80	19.83	0.000	0.000	1.383	1.413
HAWAII	49.09	58.73	0.00	0.00	78.28	20.72	0.480	0.000	0.759	0.000